

Title (en)

FLEXIBLE PHOTOTHERAPY DEVICE FOR WOUND TREATMENT

Title (de)

FLEXIBLE LICHTTHERAPIEVORRICHTUNG ZUR WUNDBEHANDLUNG

Title (fr)

DISPOSITIF DE PHOTOTHÉRAPIE FLEXIBLE POUR TRAITEMENT DES PLAIES

Publication

EP 3370825 A1 20180912 (EN)

Application

EP 16810071 A 20161202

Priority

- US 201562262592 P 20151203
- IB 2016057322 W 20161202

Abstract (en)

[origin: WO2017093972A1] The present disclosure is directed to wearable phototherapy devices; and more particularly, flexible, attachable, phototherapy devices for wound treatment at a skin surface of a user. The flexible devices include a flexible attachment strip configured to contact and secure the device to the skin surface, a moistening band attached to a bottom surface of the attachment strip and configured to contact the skin surface, and a light-emitting assembly including at least one organic light-emitting diode (OLED) and at least one emission modifier. The flexible device can further include one or more sensors disposed along the bottom surface of the flexible attachment strip, a near field communication (NFC) antenna, and a flexible printed circuit board (FPCB) including a communication microchip and a memory microchip connected to the flexible attachment strip such that the flexible device can provide remote medical treatment.

IPC 8 full level

A61N 5/06 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2017093972A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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